

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new non-provisional applications under 37CFR§1.53(b))	Attorney Docket No. HME/7961.0013	
	First Inventor or Application Identifier R. Kent Hermsmeyer	
	Title	ESTROGEN BETA RECEPTOR AGONISTS TO PREVENT OR REDUCE THE SEVERITY OF CARDIOVASCULAR DISEASE
	Express Mail Label No. EL 915424819 US	

22388 U.S. PTO  
10/690169



<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231	
1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table, or Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Applicant claims small entity status See 37 C.F.R. 1.27		8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
3. <input checked="" type="checkbox"/> Specification [Total pages 35] (preferred arrangement set forth below) <ul style="list-style-type: none"> <li>- Descriptive Title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Federally Sponsored R&amp;D</li> <li>- Reference to sequence listing, a table or a computer program listing</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies) or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> c. <input type="checkbox"/> Statement verifying identity of above copies	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Pages 4]		<b>ACCOMPANYING APPLICATION PARTS</b>	
5. Oath or Declaration [Total 2] <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d))          (for continuation/divisional with Box 17 completed)           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> Deletion of Inventor(s)            Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.53(d)(2) and 1.33(b)</li> </ul> </li> </ul>		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 11. <input type="checkbox"/> English translation document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS) /PTO SB08 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other	
6. <input type="checkbox"/> Application Data Sheet. See 37 C.F.R. 1.76			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 C.F.R. 1.76. <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: / Prior application information: Examiner _____ Group No./Art Unit _____			
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
<b>17. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		29085 (Insert customer number or attach bar code label here)	
		or <input type="checkbox"/> Correspondence address below	
Name	Howard Eisenberg, Esq.		
Address	1600 ODS Tower, 601 SW Second Avenue		
City	Portland	State	OR
Country	USA	Telephone	503.227.5631
		FAX	503.228.4373
Name (print/ type)	Howard Eisenberg	Registration No. (Attorney/Agent)	36,789
Signature		Date	October 21, 2003

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Complete If Known

Application Number  
Filing Date October 21, 2003  
First Named Inventor R. Kent Hermsmeyer  
Examiner Name

☒ Applicant claims small entity status. See 37CFR 1.27

Art Unit

TOTAL AMOUNT OF PAYMENT \$452

Attorney Docket No. HME/7961.0013

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account

Deposit Account Number 50-1773

Deposit Account Name Howard Eisenberg

The Commissioner is authorized to: (check all that apply)

☐ Charge fees indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge any fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Code (\$)	Code (\$)		
1001 750	2001 375	Utility filing fee	385
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			\$385

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
23 - 20 ** = 3	x 9 =	27	
Indep. Claims 2 - 3 ** = 0	x 42 =	0	
Multiple Dependent			

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	**Reissue independent claims over original patent	
1205 18	2205 9	*Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			\$27

\*\*or number of previously paid, if greater. For reissues, see above.

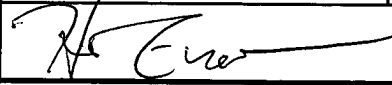
## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge-late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex-parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt.	
8021 40	8021 40	Recording each patent assignment per property (times no. of properties) - total assignments 1	40
1809 750	2809 375	Filing a submission after final rejection (37 C.F.R. 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
* Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)			\$40

## SUBMITTED BY

Complete (if applicable)

Name (print type) Howard Eisenberg, Esq. Registration No. 36,789 Telephone (503) 227-5631  
Signature  Date October 21, 2003

CERTIFICATE OF MAILING

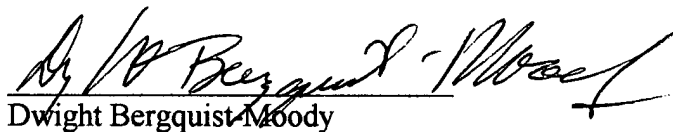
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Express Mail No.: EL 915424836 US

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Date of Deposit : October 21, 2003

I hereby certify that the utility patent application attached hereto entitled  
ESTROGEN BETA RECEPTOR AGONISTS TO PREVENT OR REDUCE THE SEVERITY  
OF CARDIOVASCULAR DISEASE (35 pages plus 4 drawing sheets), R. Kent Hermsmeyer,  
inventor, together with Fee Transmittal form (duplicate), Utility Patent Application Transmittal  
form, Declaration and Power of Attorney (executed), and the required fees (check), is being  
deposited with the United States Postal Service "Express Mail to Addressee" on the date  
indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450.

  
Dwight Bergquist-Moody